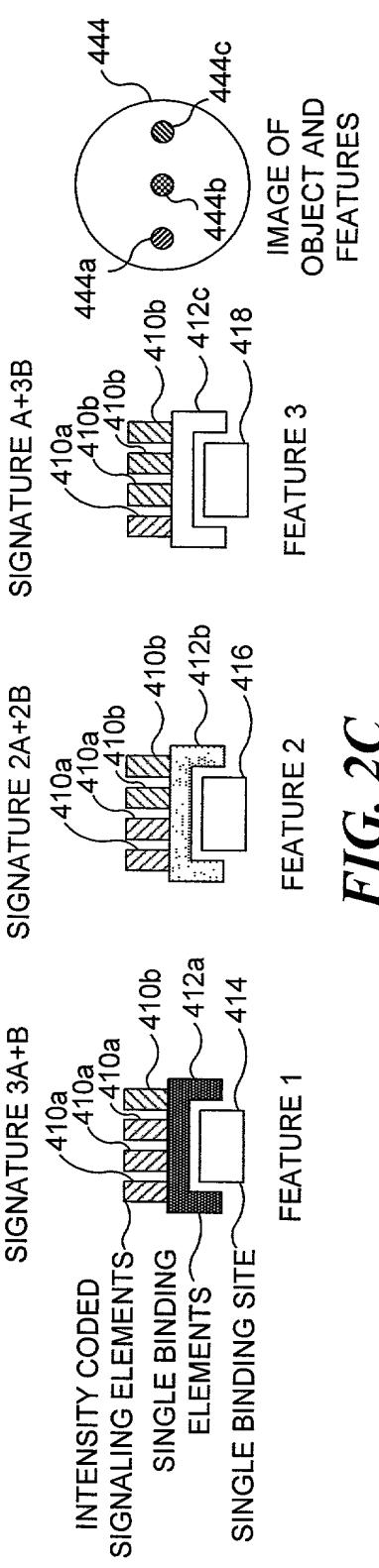
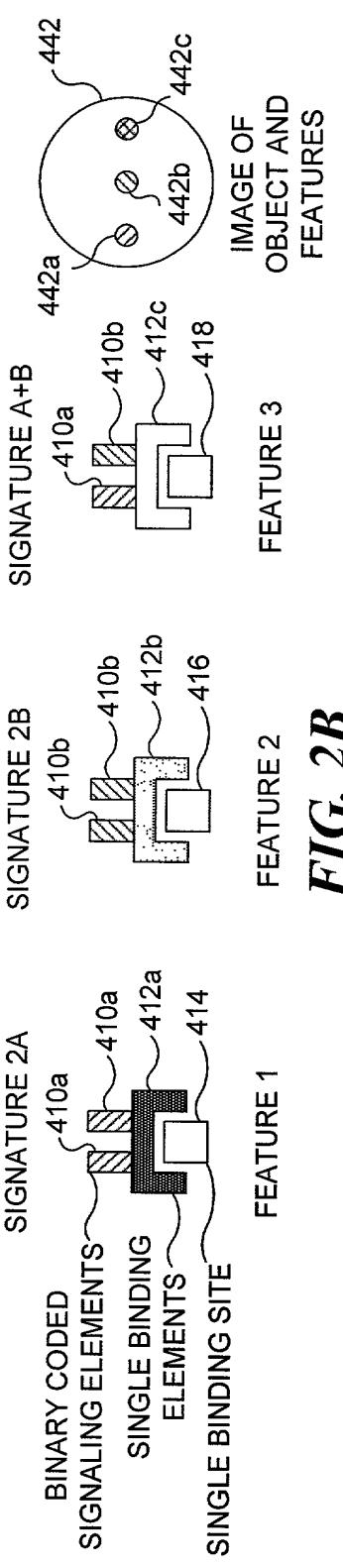
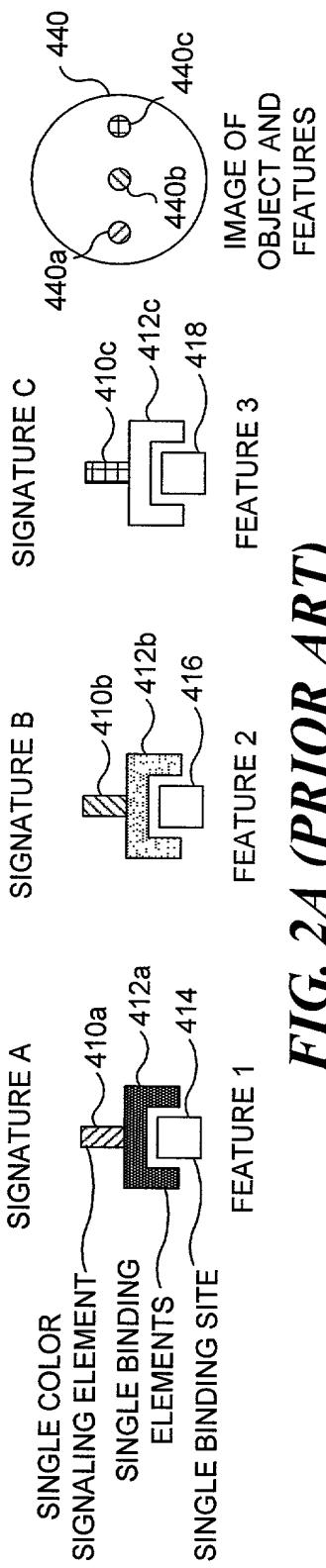


2 0 1 1 2 2 2 0 1 1 2 1 2 2 0 1

C	UNIQUE COLORS	UNIQUE PAIRS	$2^C - 1$	BINARY CODES
2	2	3	3	4
3	3	6	7	8
4	4	10	15	16
5	5	15	31	32
6	6	20	63	64
7	7	25	127	128
8	8	30	255	256
9	9	36	511	512
10	10	42	1023	1024
11	11	48	2047	2048
12	12	54	4095	4096
13	13	60	8191	8192
14	14	66	16383	16384
15	15	72	32767	32768
16	16	78	65535	65536
17	17	84	131071	131072
18	18	90	262143	262144
19	19	96	524287	524288
20	20	102	1048575	1048576
21	21	108	2097151	2097152
22	22	114	4194303	4194304
23	23	120	8388607	8388608
24	24	126	16777215	16777216
25	25	132	33554431	33554432
26	26	138	67108863	67108864
27	27	144	134217727	134217728
28	28	150	268435455	268435456
29	29	156	536870911	536870912
30	30	162	1073741823	1073741824
31	31	168	2147483647	2147483648
32	32	174	4294967295	4294967296
33	33	180	8589934591	8589934592
34	34	186	17179869183	17179869184
35	35	192	34359738367	34359738368
36	36	198	68719476735	68719476736
37	37	204	137438953471	137438953472
38	38	210	274877906943	274877906944
39	39	216	549755813887	549755813888
40	40	222	1099511627775	1099511627776
41	41	228	2199023255551	2199023255552
42	42	234	4398046511103	4398046511104
43	43	240	8796093022207	8796093022208
44	44	246	17592186044415	17592186044416
45	45	252	35184372088830	35184372088831
46	46	258	70368744177660	70368744177661
47	47	264	14073748835530	14073748835531
48	48	270	28147497671060	28147497671061
49	49	276	56294995342120	56294995342121
50	50	282	11258999068420	11258999068421
51	51	288	22517998136840	22517998136841
52	52	294	45035996273680	45035996273681
53	53	300	90071992547360	90071992547361
54	54	306	180143985094720	180143985094721
55	55	312	360287970189440	360287970189441
56	56	318	720575940378880	720575940378881
57	57	324	1441151880757600	1441151880757601
58	58	330	2882303761515200	2882303761515201
59	59	336	5764607523030400	5764607523030401
60	60	342	11529215046060800	11529215046060801
61	61	348	23058430092121600	23058430092121601
62	62	354	46116860184243200	46116860184243201
63	63	360	92233720368486400	92233720368486401
64	64	366	184467440736972800	184467440736972801
65	65	372	368934881473945600	368934881473945601
66	66	378	737869762947891200	737869762947891201
67	67	384	1475739525895782400	1475739525895782401
68	68	390	2951479051791564800	2951479051791564801
69	69	396	5902958103583129600	5902958103583129601
70	70	402	11805916207166240000	11805916207166240001
71	71	408	23611832414332480000	23611832414332480001
72	72	414	47223664828664960000	47223664828664960001
73	73	420	94447329657329920000	94447329657329920001
74	74	426	188894659314659840000	188894659314659840001
75	75	432	377789318629319680000	377789318629319680001
76	76	438	755578637258639360000	755578637258639360001
77	77	444	1511157274517277200000	1511157274517277200001
78	78	450	3022314549034554400000	3022314549034554400001
79	79	456	6044629098069108800000	6044629098069108800001
80	80	462	12089258196138217600000	12089258196138217600001
81	81	468	24178516392276435200000	24178516392276435200001
82	82	474	48357032784552870400000	48357032784552870400001
83	83	480	96714065569105740800000	96714065569105740800001
84	84	486	193428131138211481600000	193428131138211481600001
85	85	492	386856262276422963200000	386856262276422963200001
86	86	498	773712524552845926400000	773712524552845926400001
87	87	504	1547425049105691852800000	1547425049105691852800001
88	88	510	3094850098211383705600000	3094850098211383705600001
89	89	516	6189700196422767411200000	6189700196422767411200001
90	90	522	12379400392845534822400000	12379400392845534822400001
91	91	528	24758800785691069644800000	24758800785691069644800001
92	92	534	49517601571382139289600000	49517601571382139289600001
93	93	540	99035203142764278579200000	99035203142764278579200001
94	94	546	198070406285528557158400000	198070406285528557158400001
95	95	552	396140812571057114316800000	396140812571057114316800001
96	96	558	792281625142114228633600000	792281625142114228633600001
97	97	564	1584563252844228457267200000	1584563252844228457267200001
98	98	570	3169126505688456914534400000	3169126505688456914534400001
99	99	576	6338253011376913829068800000	6338253011376913829068800001
100	100	582	12676506026753827658137600000	12676506026753827658137600001
101	101	588	25353012053507655316275200000	25353012053507655316275200001
102	102	594	50706024107015310632550400000	50706024107015310632550400001
103	103	600	101412048214030621265100800000	101412048214030621265100800001
104	104	606	202824096428061242530201600000	202824096428061242530201600001
105	105	612	405648192856122485060403200000	405648192856122485060403200001
106	106	618	811296385712244970120806400000	811296385712244970120806400001
107	107	624	1622592771424489940241612800000	1622592771424489940241612800001
108	108	630	3245185542848979880483225600000	3245185542848979880483225600001
109	109	636	6490371085697959760966451200000	6490371085697959760966451200001
110	110	642	12980742171395919521932902400000	12980742171395919521932902400001
111	111	648	25961484342791839043865804800000	25961484342791839043865804800001
112	112	654	51922968685583678087731609600000	51922968685583678087731609600001
113	113	660	103845937371167556175463219200000	103845937371167556175463219200001
114	114	666	207691874742335112350926438400000	207691874742335112350926438400001
115	115	672	415383749484670224701852876800000	415383749484670224701852876800001
116	116	678	830767498969340449403705753600000	830767498969340449403705753600001
117	117	684	1661534989938680898807411507200000	1661534989938680898807411507200001
118	118	690	3323069979877361797614823014400000	3323069979877361797614823014400001
119	119	696	6646139959754723595229646028800000	6646139959754723595229646028800001
120	120	702	13292279919509447188459292057600000	13292279919509447188459292057600001
121	121	708	26584559839018894376918584115200000	26584559839018894376918584115200001
122	122	714	53169119678037788753837168230400000	53169119678037788753837168230400001
123	123	720	10633823935607557550767433646400000	10633823935607557550767433646400001
124	124	726	21267647871215115101534867292800000	21267647871215115101534867292800001
125	125	732	42535295742427730203069734585600000	42535295742427730203069734585600001
126	126	738	85070591484855460406139469171200000	85070591484855460406139469171200001
127	127	744	170141182969710920812278938342400000	170141182969710920812278938342400001
128	128	750	340282365939421841624557876684800000	340282365939421841624557876684800001
129	129	756	680564731878843683249115753369600000	680564731878843683249115753369600001
130	130	762	136112946375768736649823150673200000	136112946375768736649823150673200001
131	131	768	272225892751537473299646301346400000	272225892751537473299646301346400001
132	132	774	544451785503074946599292602688000000	544451785503074946599292602688000001
133	133	780	1088903571006149893198585205376000000	1088903571006149893198585205376000001
134	134	786	2177807142012299786397170410752000000	2177807142012299786397170410752000001
135	135	792	4355614284024599572794340821504000000	4355614284024599572794340821504000001
136	136	798	8711228568049199145588681643008000000	8711228568049199145588681643008000001
137	137	804	17422457136098398291173633286016000000	17422457136098398291173633286016000001
138	138	810	34844914272196796582347266572032000000	34844914272196796582347266572032000001
139	139	816	69689828544393593164694533144064000000	69689828544393593164694533144064000001
140	140	822	139379657088787186329389066288128000000	139379657088787186329389066288128000001
141	141	828	278759314177574372658778132576256000000	278759314177574372658778132576256000001
142	142	834	557518628355148745317556265152512000000	557518628355148745317556265152512000001
143	143	840	11150372567102954963511125303050	



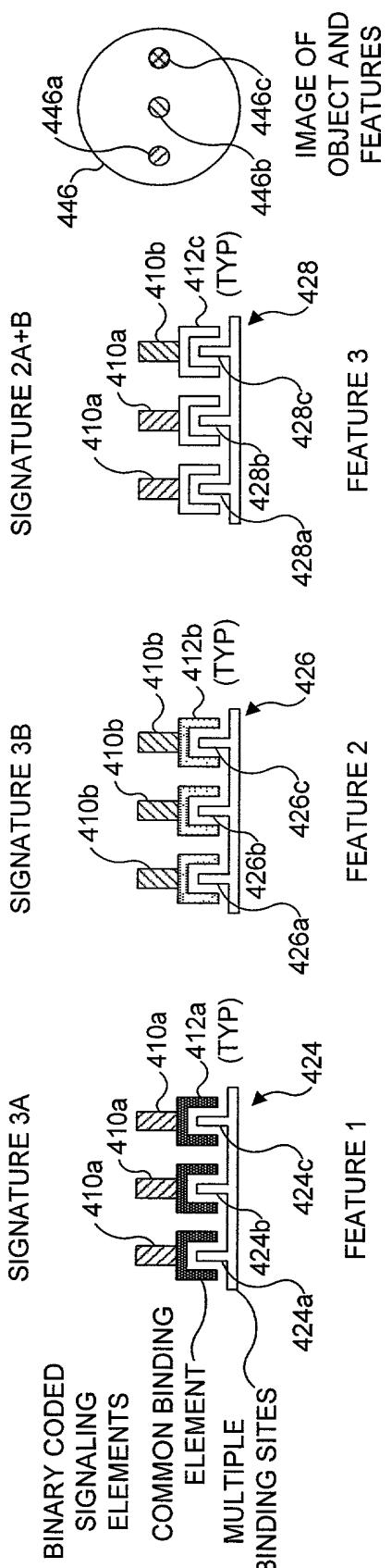


FIG. 2D

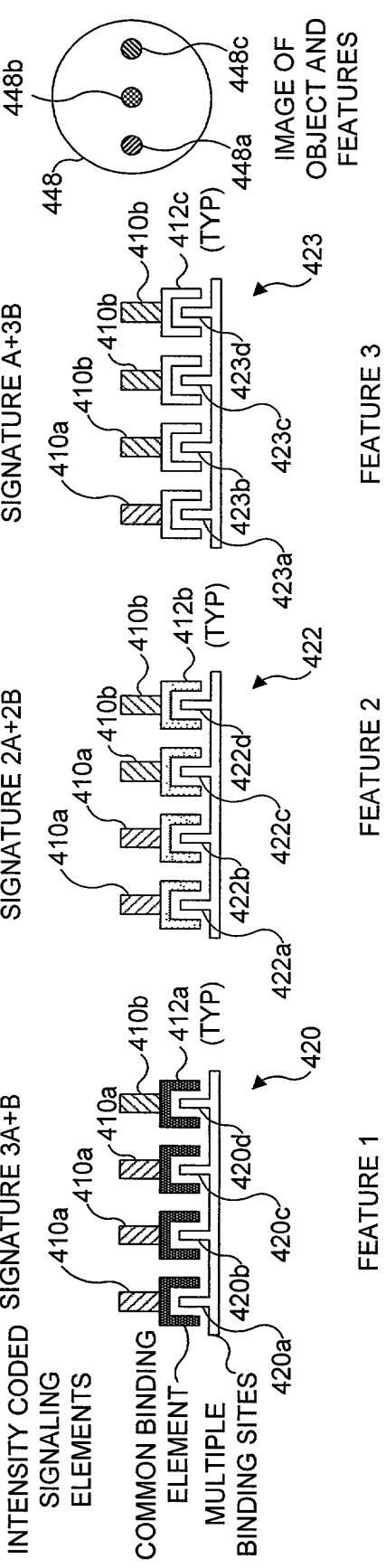


FIG. 2E

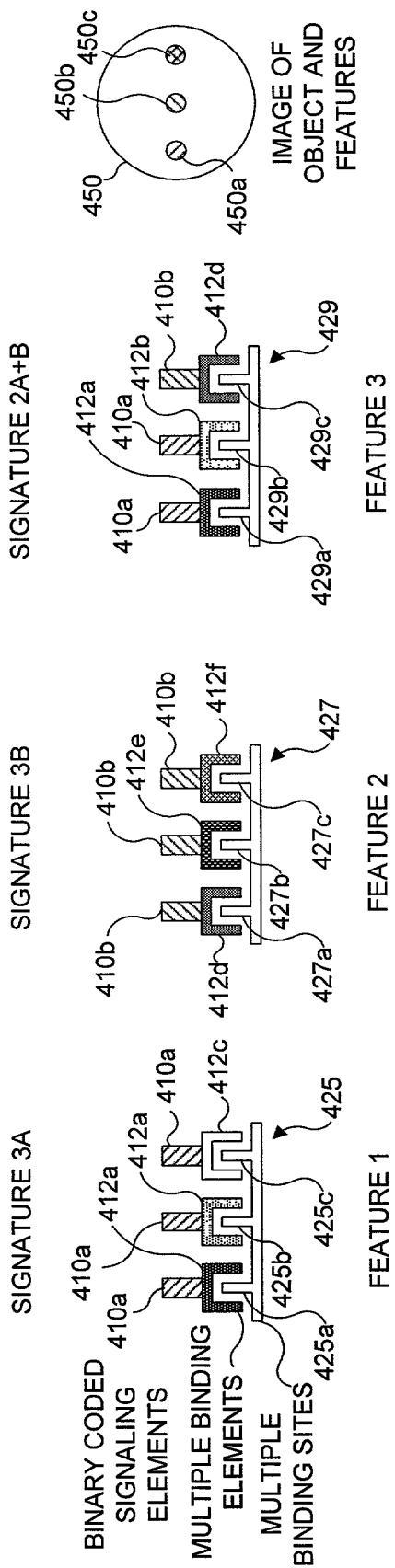


FIG. 2F

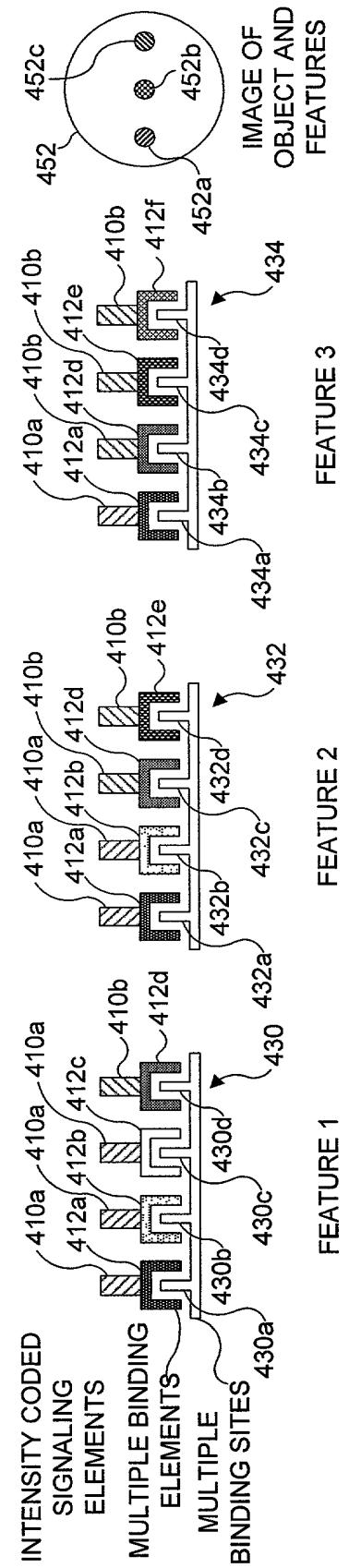


FIG. 2G

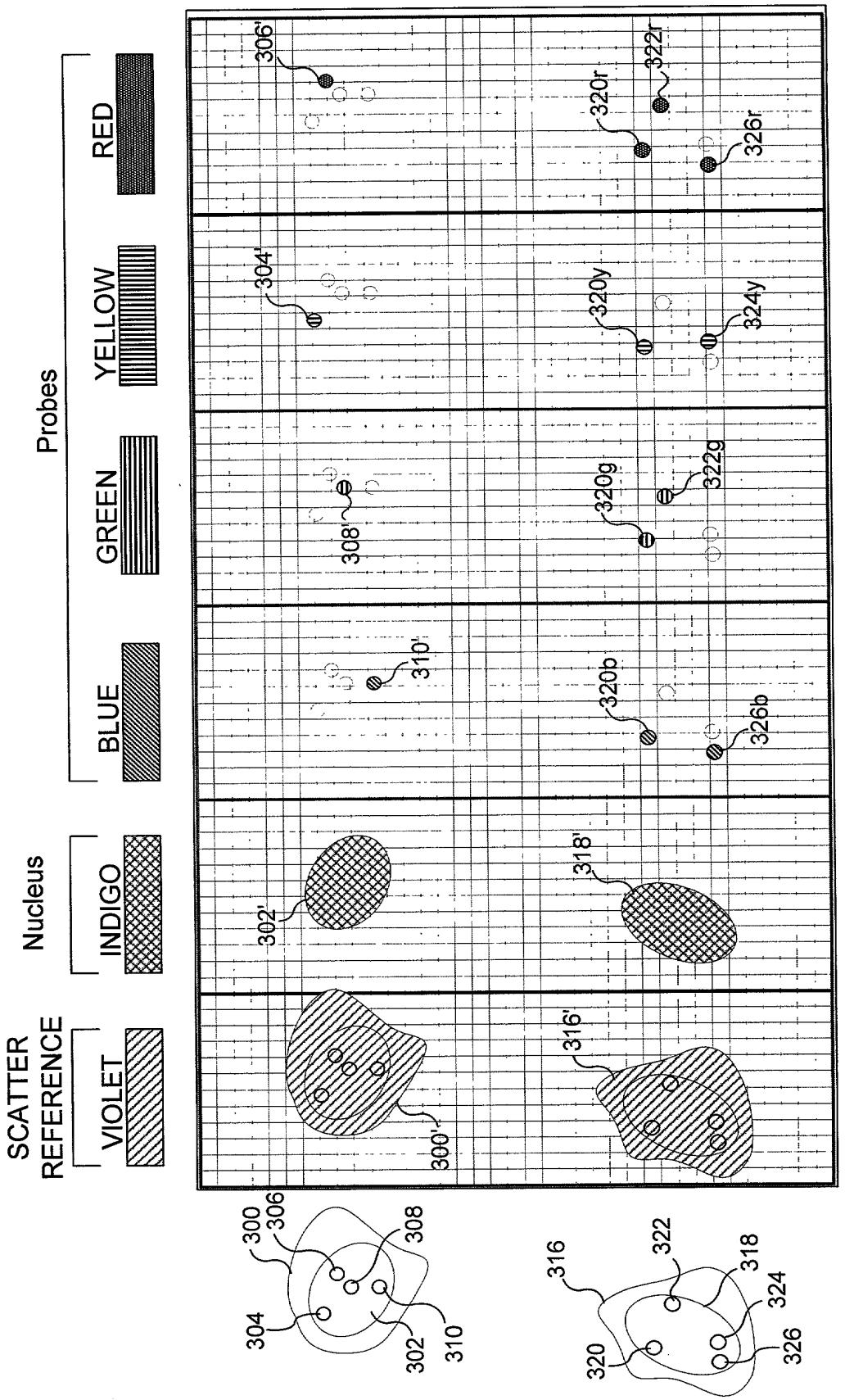


FIG. 3

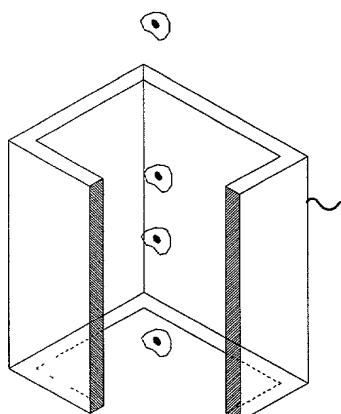


FIG. 4A

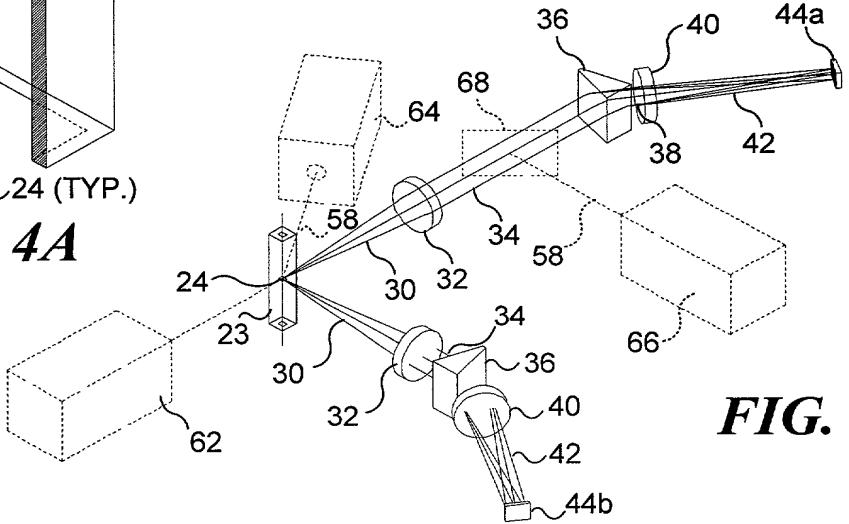


FIG. 4

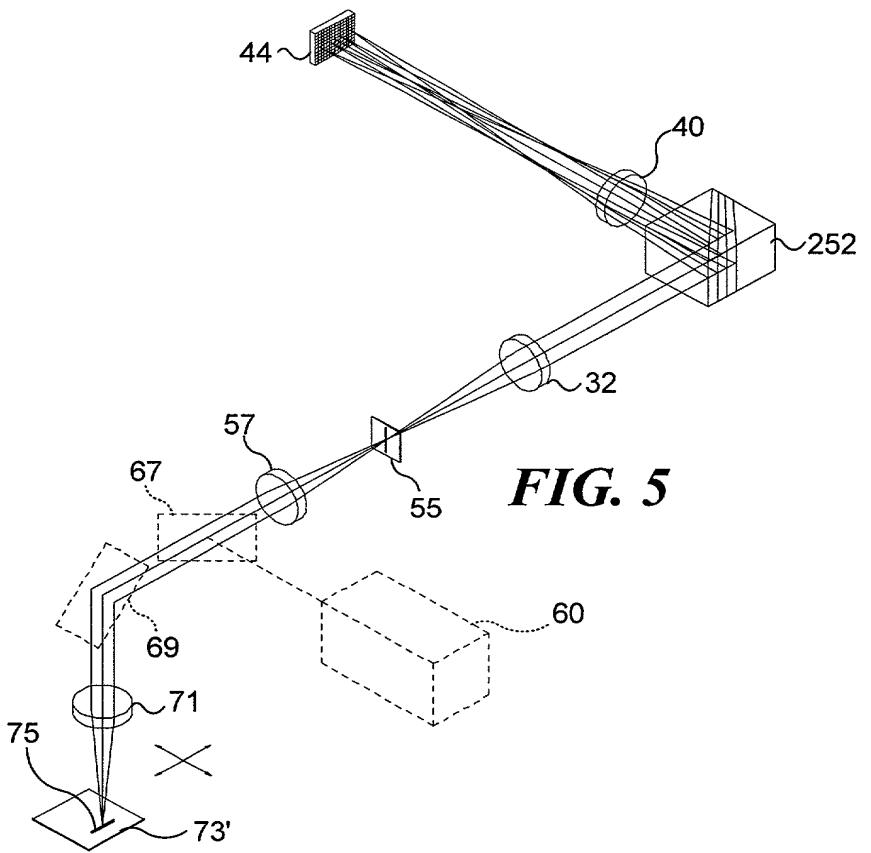


FIG. 5

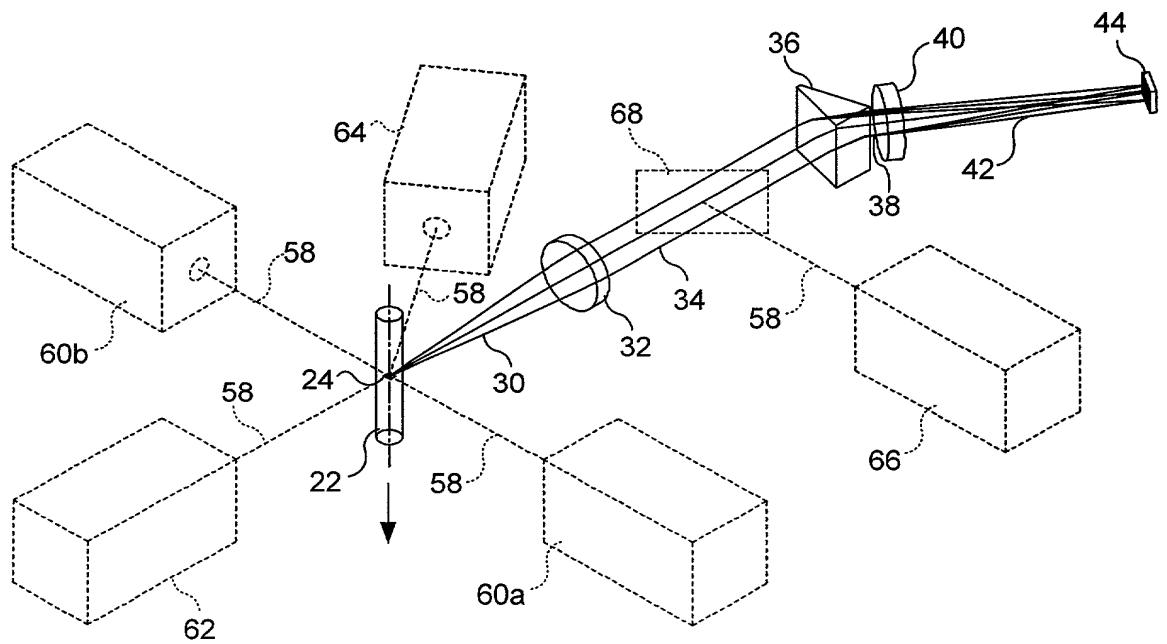


FIG. 6

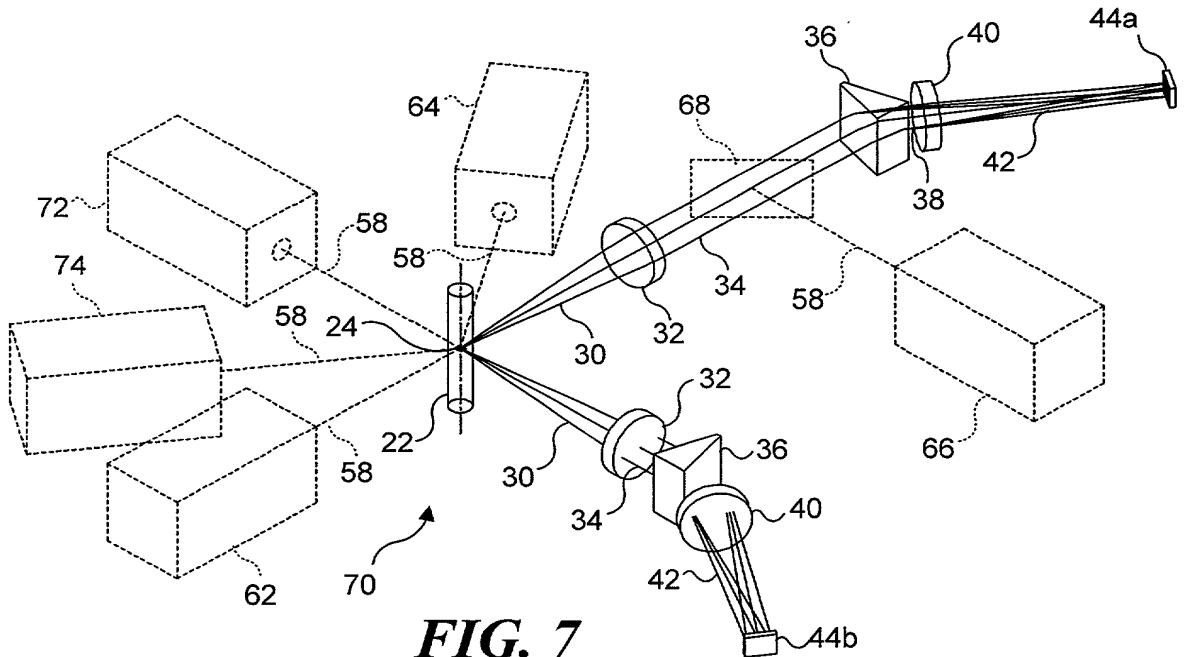


FIG. 7

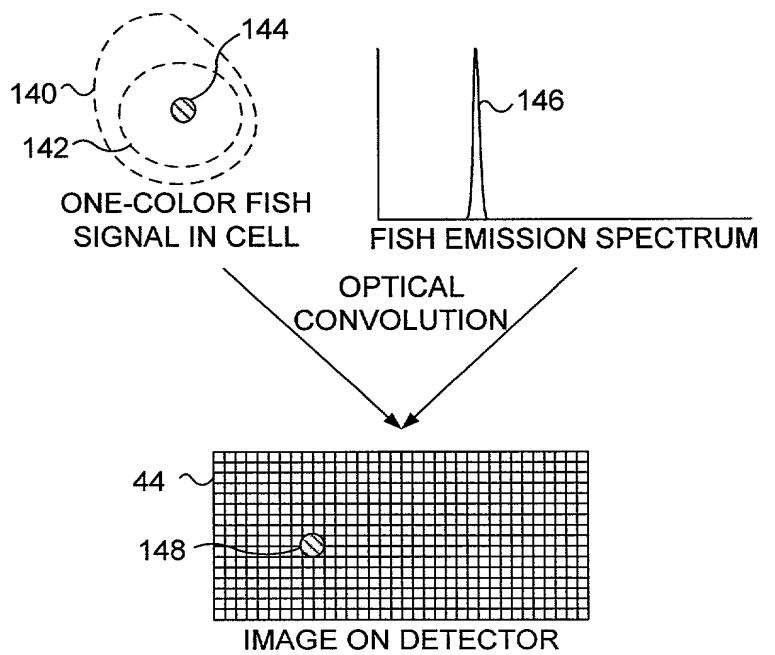


FIG. 8

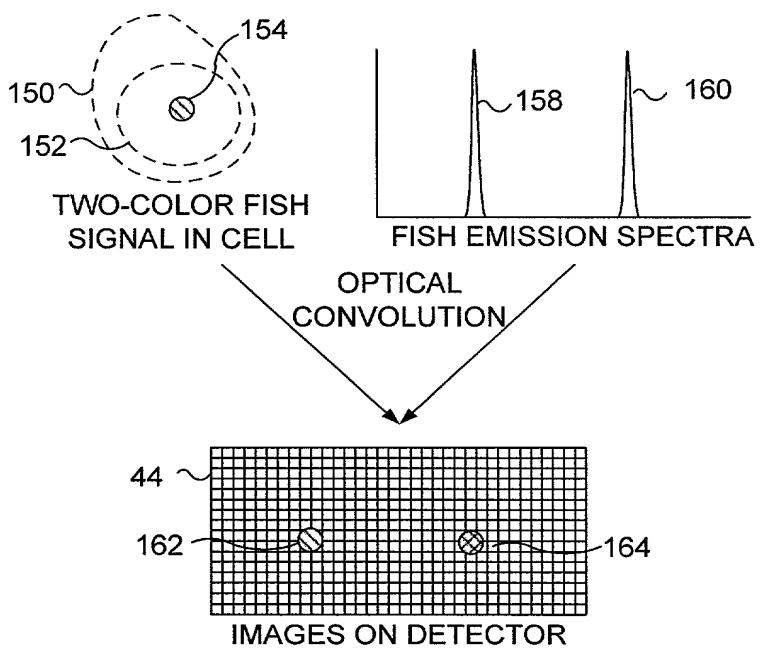


FIG. 9A

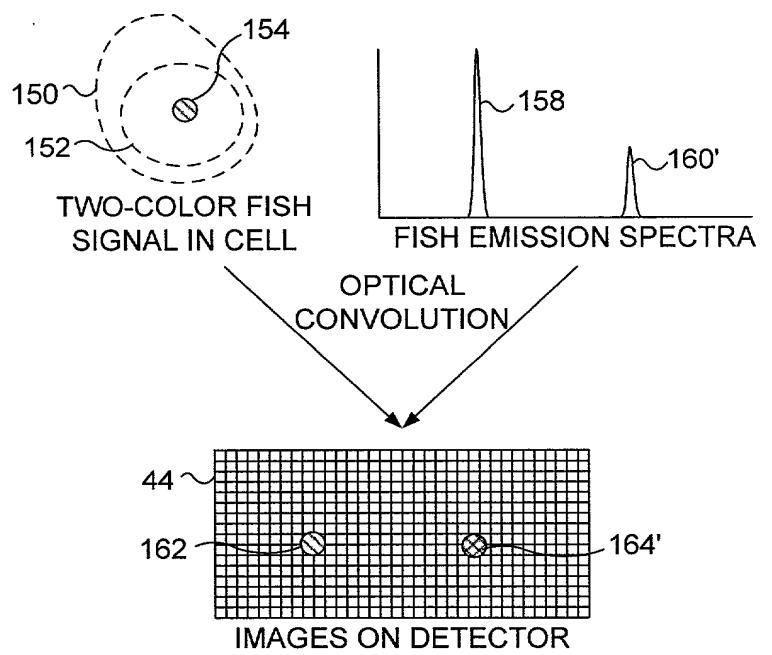


FIG. 9B

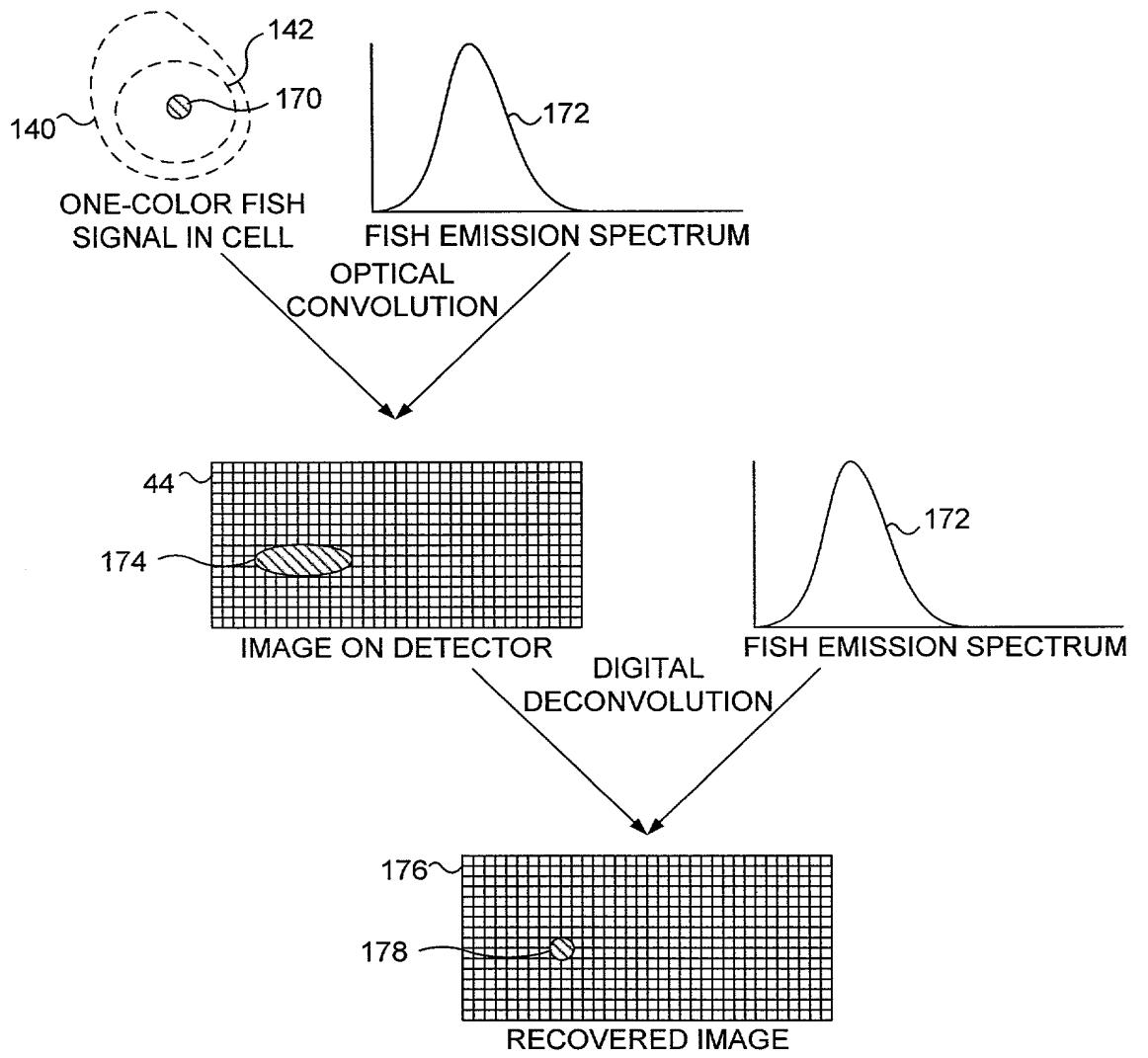


FIG. 10

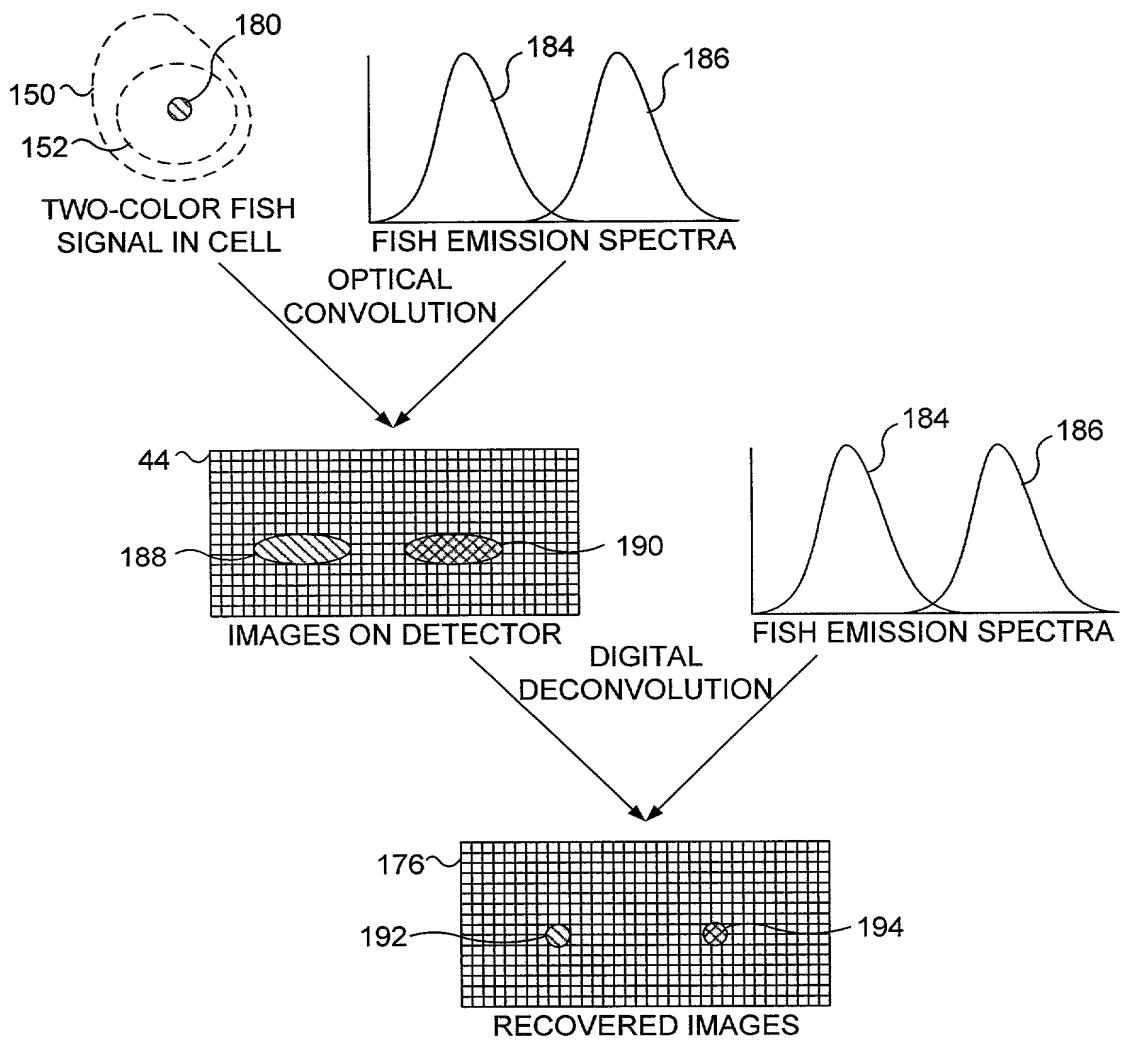


FIG. 11

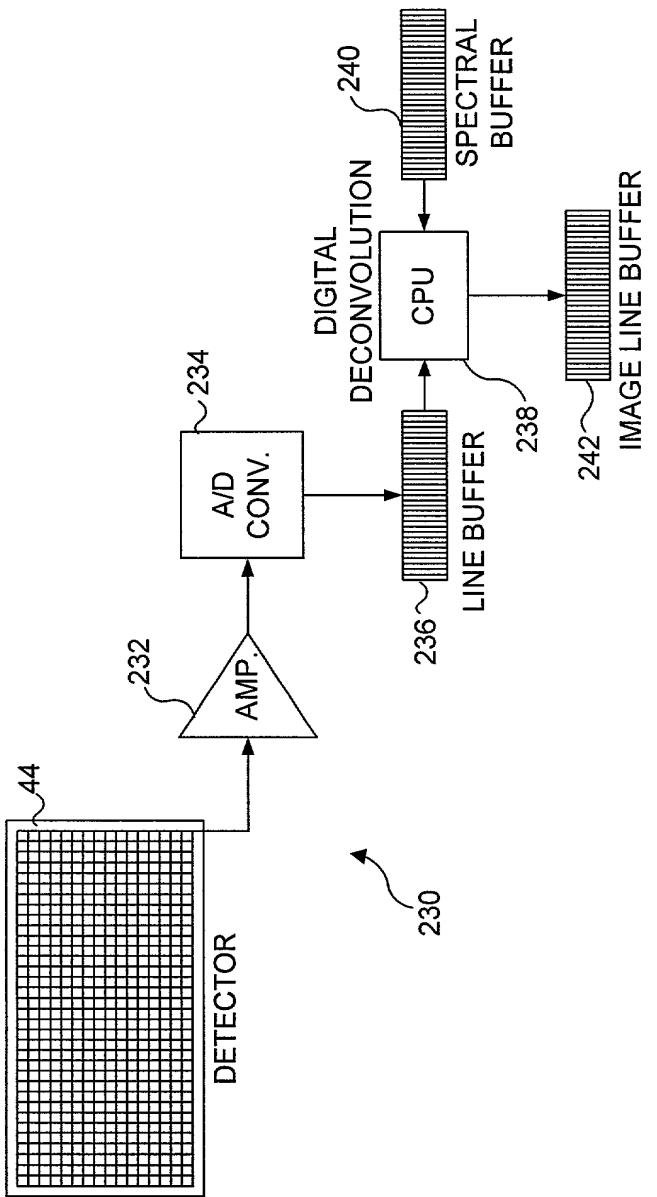


FIG. 12

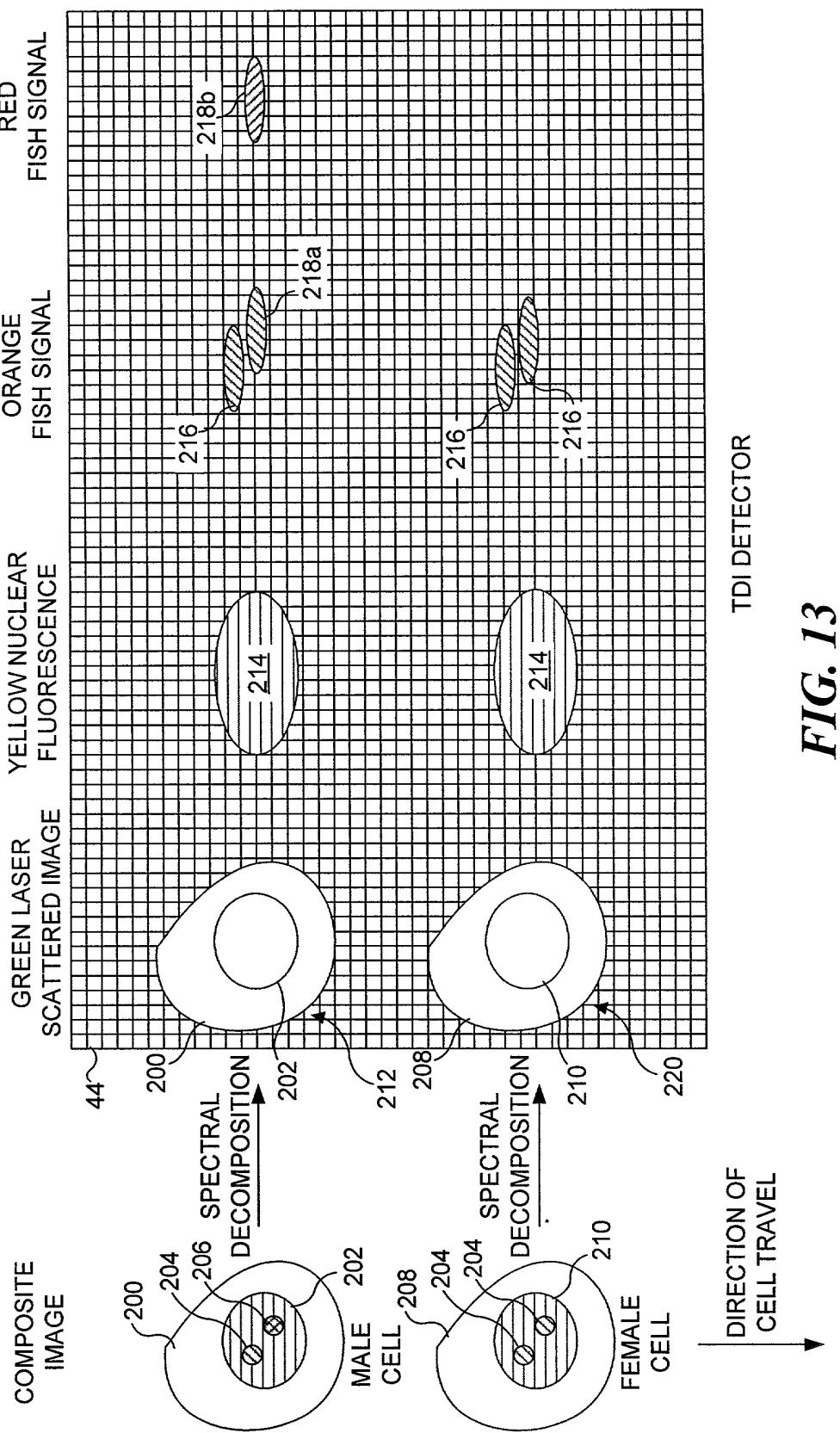


FIG. 13

STACKED DICHROIC MIRRORS

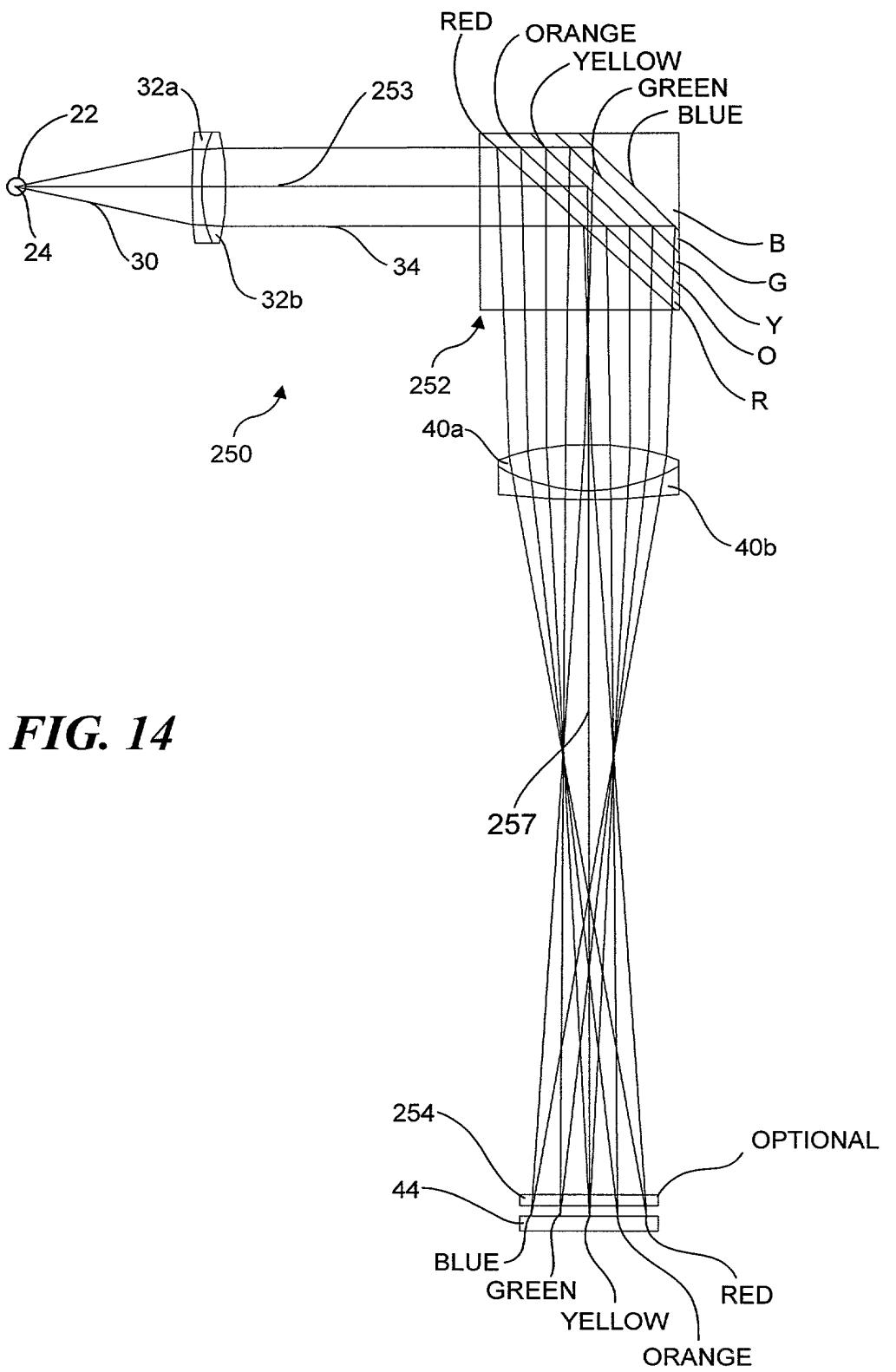


FIG. 14

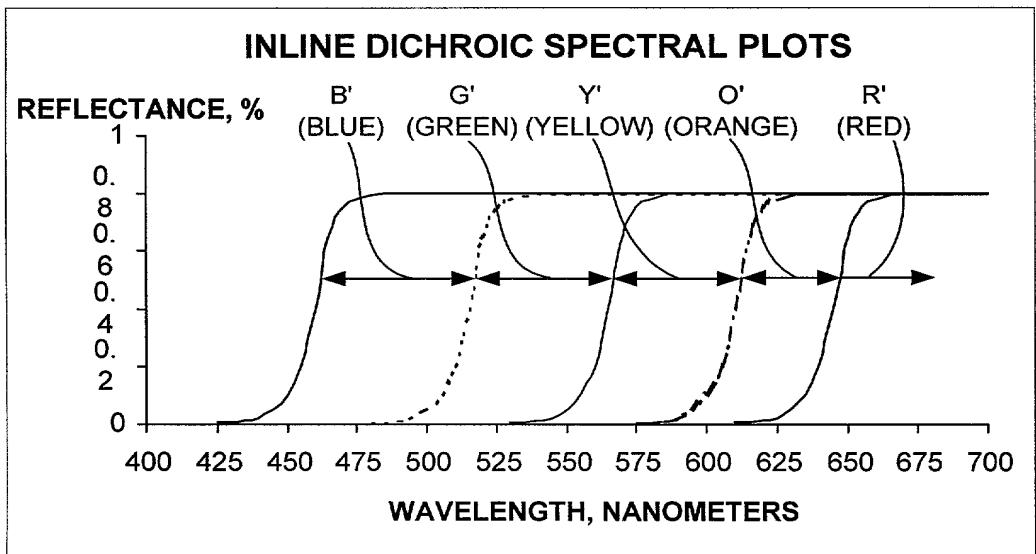


FIG. 15

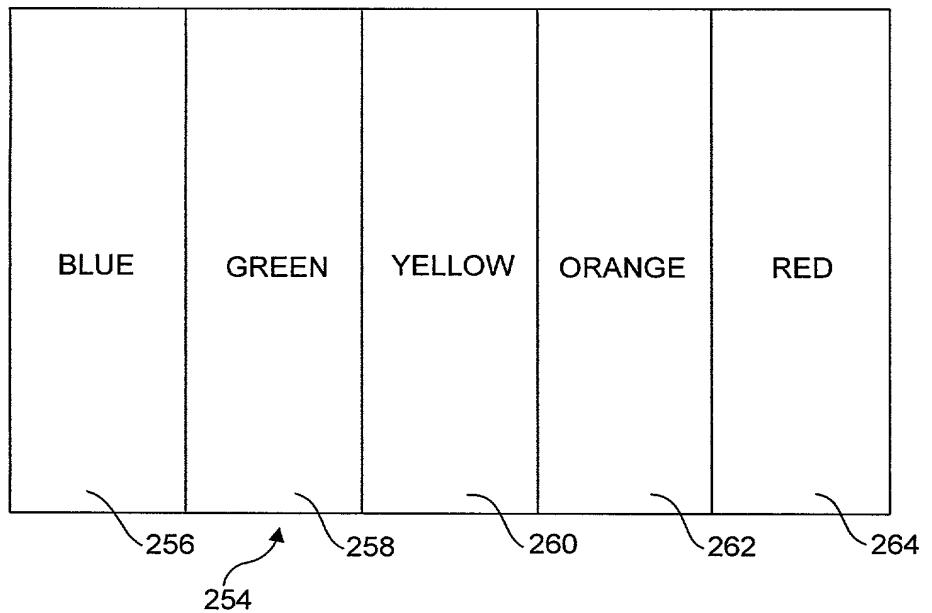


FIG. 16

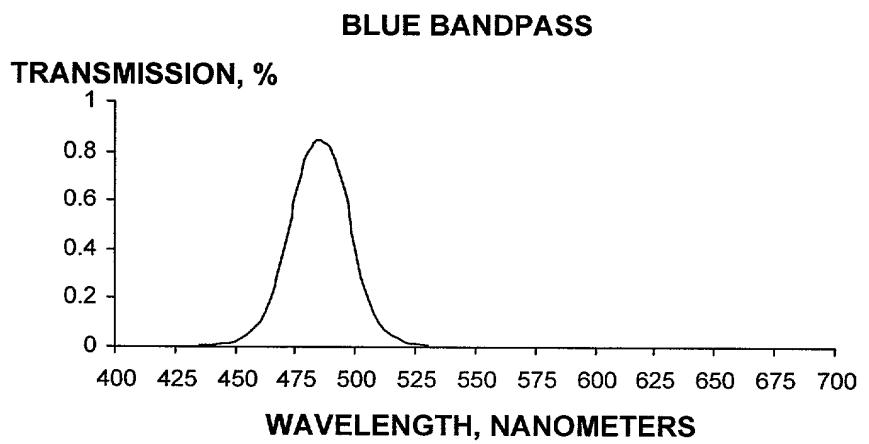


FIG. 17A

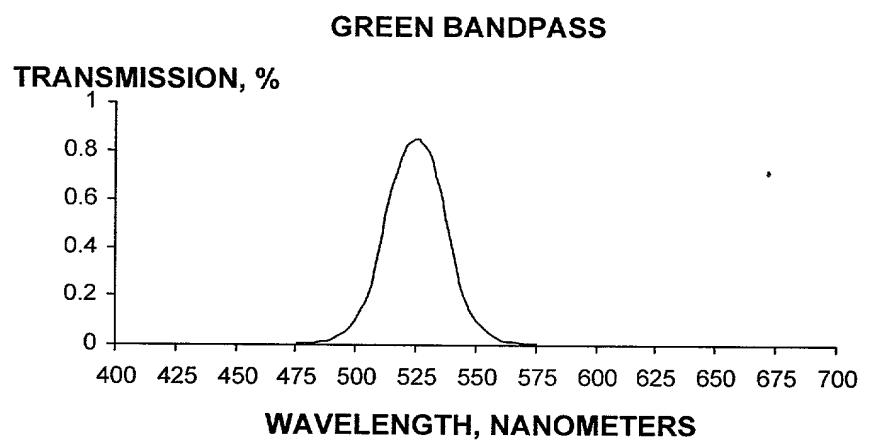


FIG. 17B

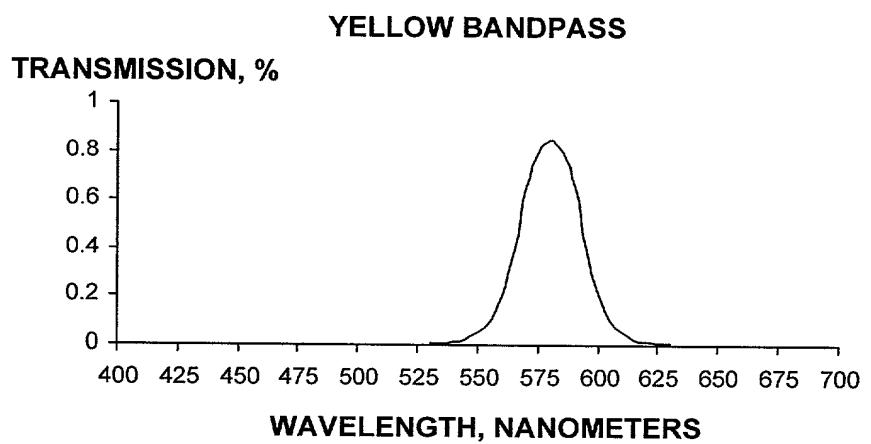


FIG. 17C

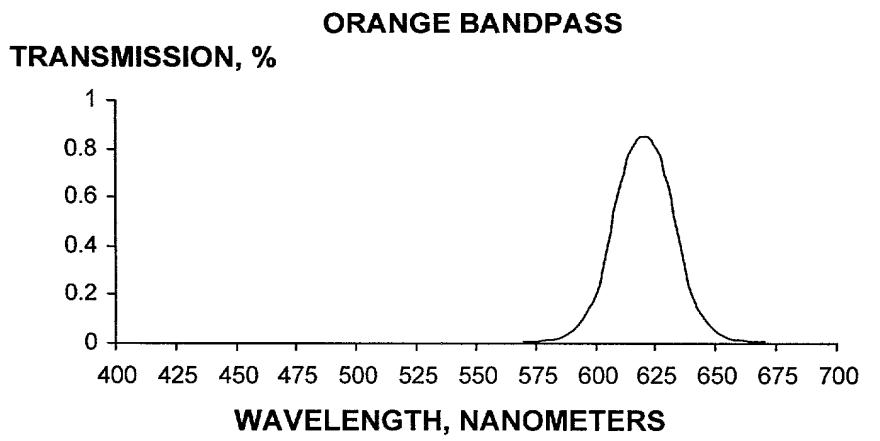


FIG. 17D

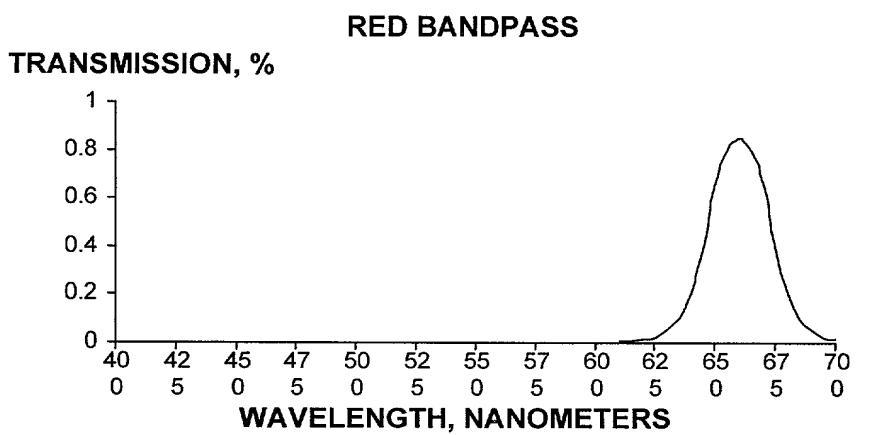


FIG. 17E

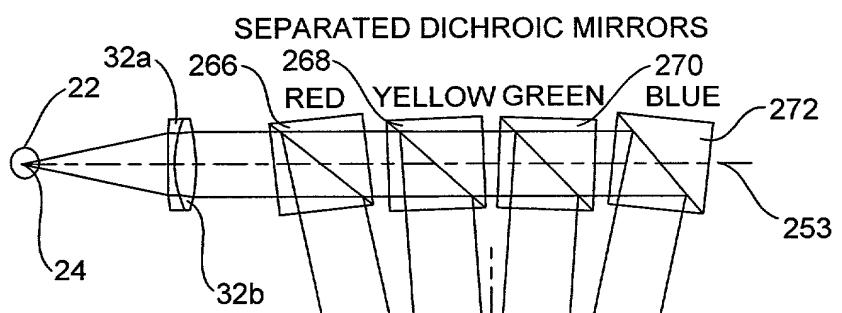


FIG. 18

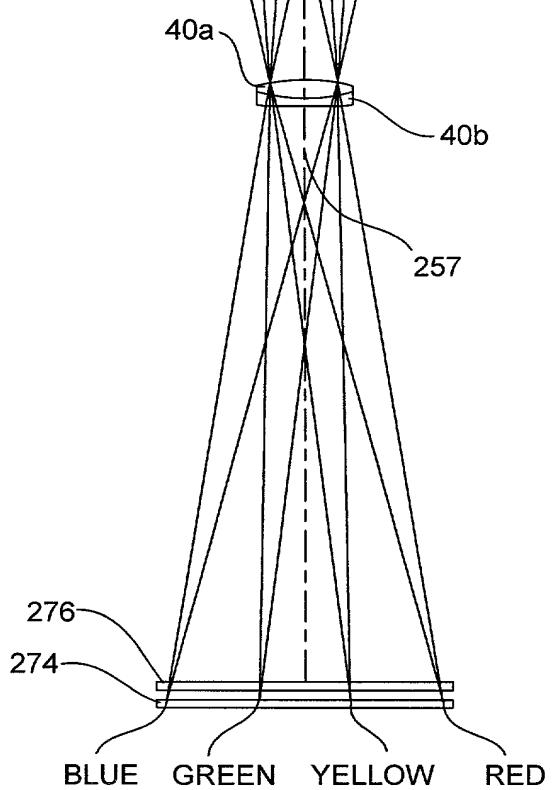
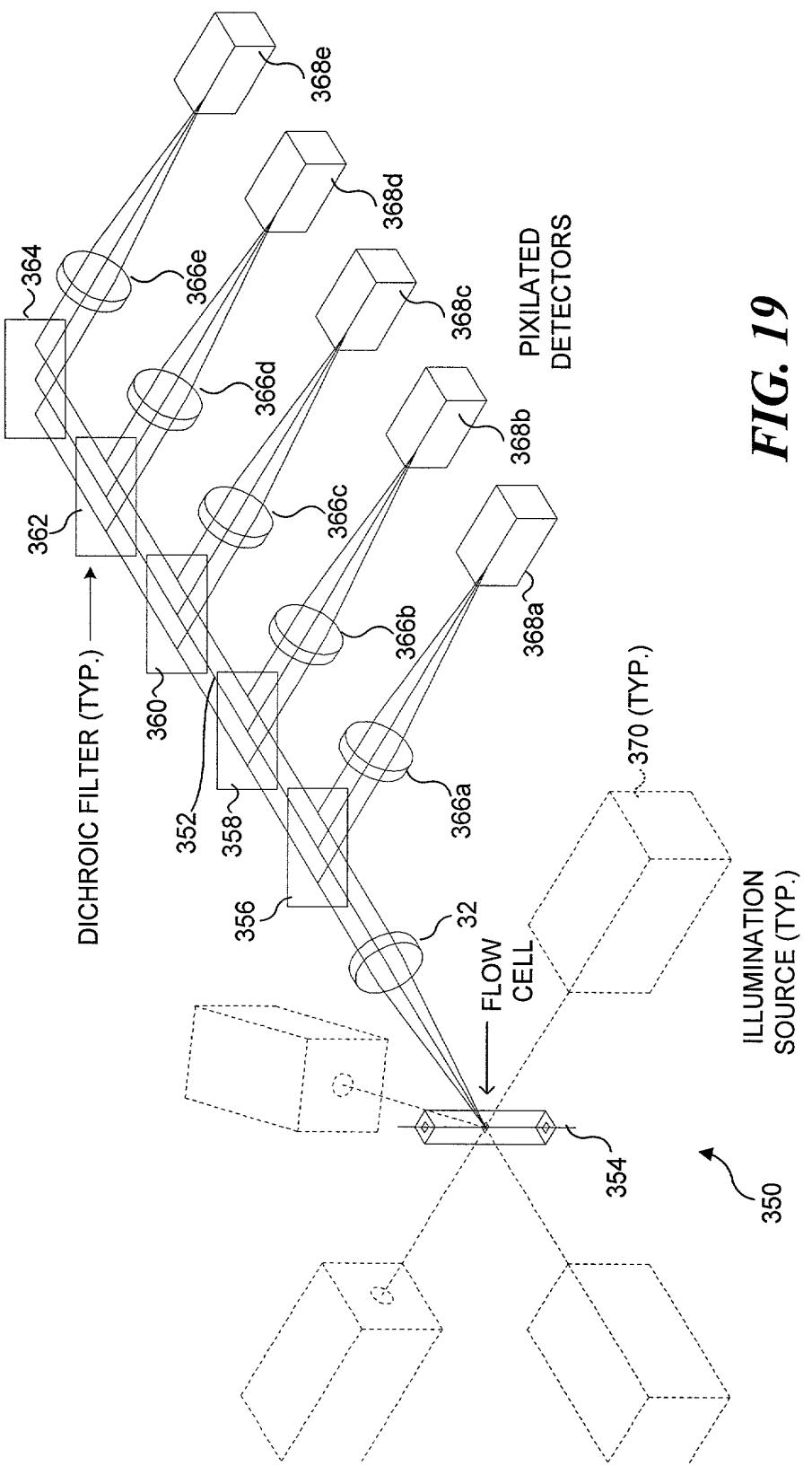


FIG. 19



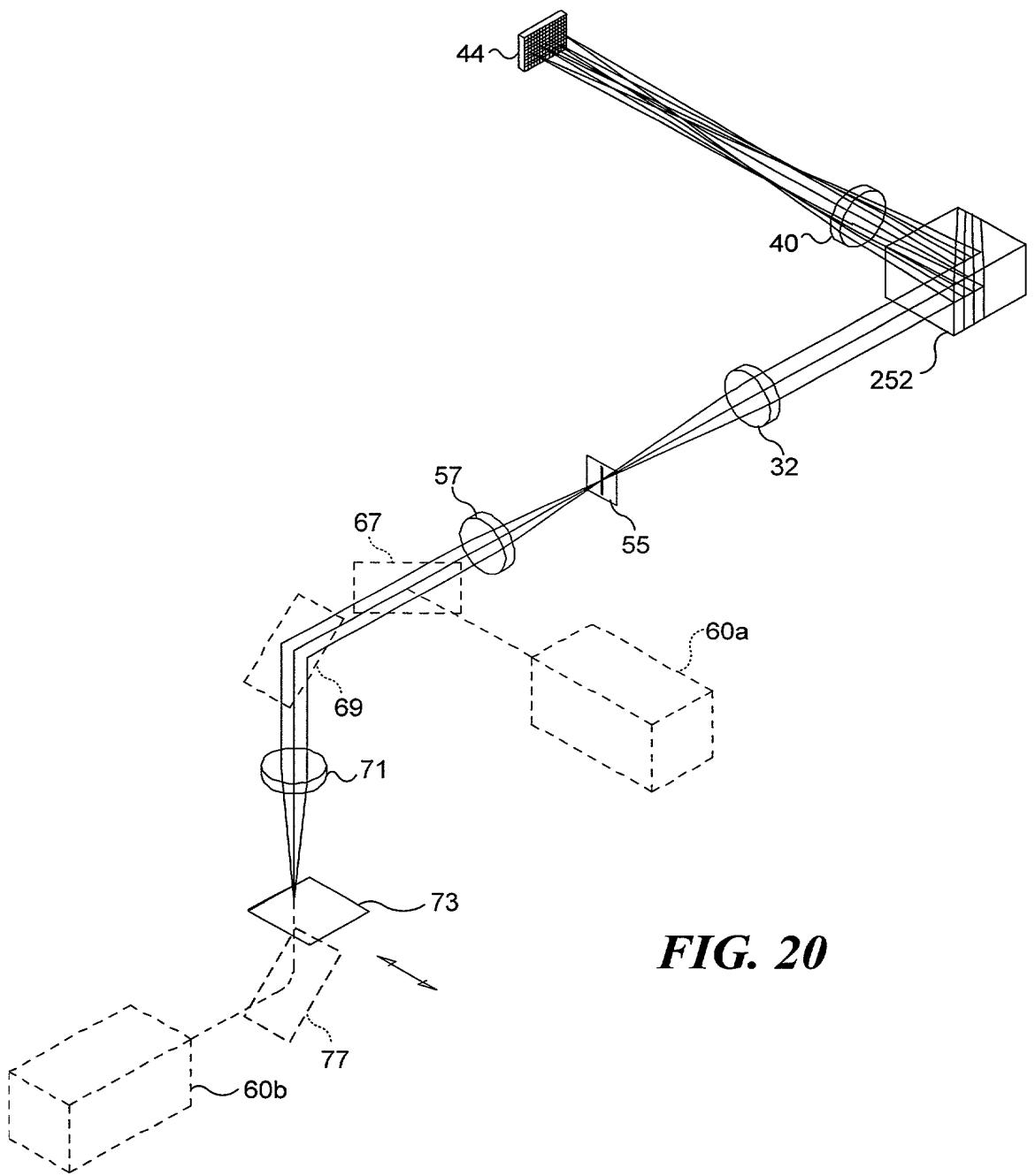


FIG. 20

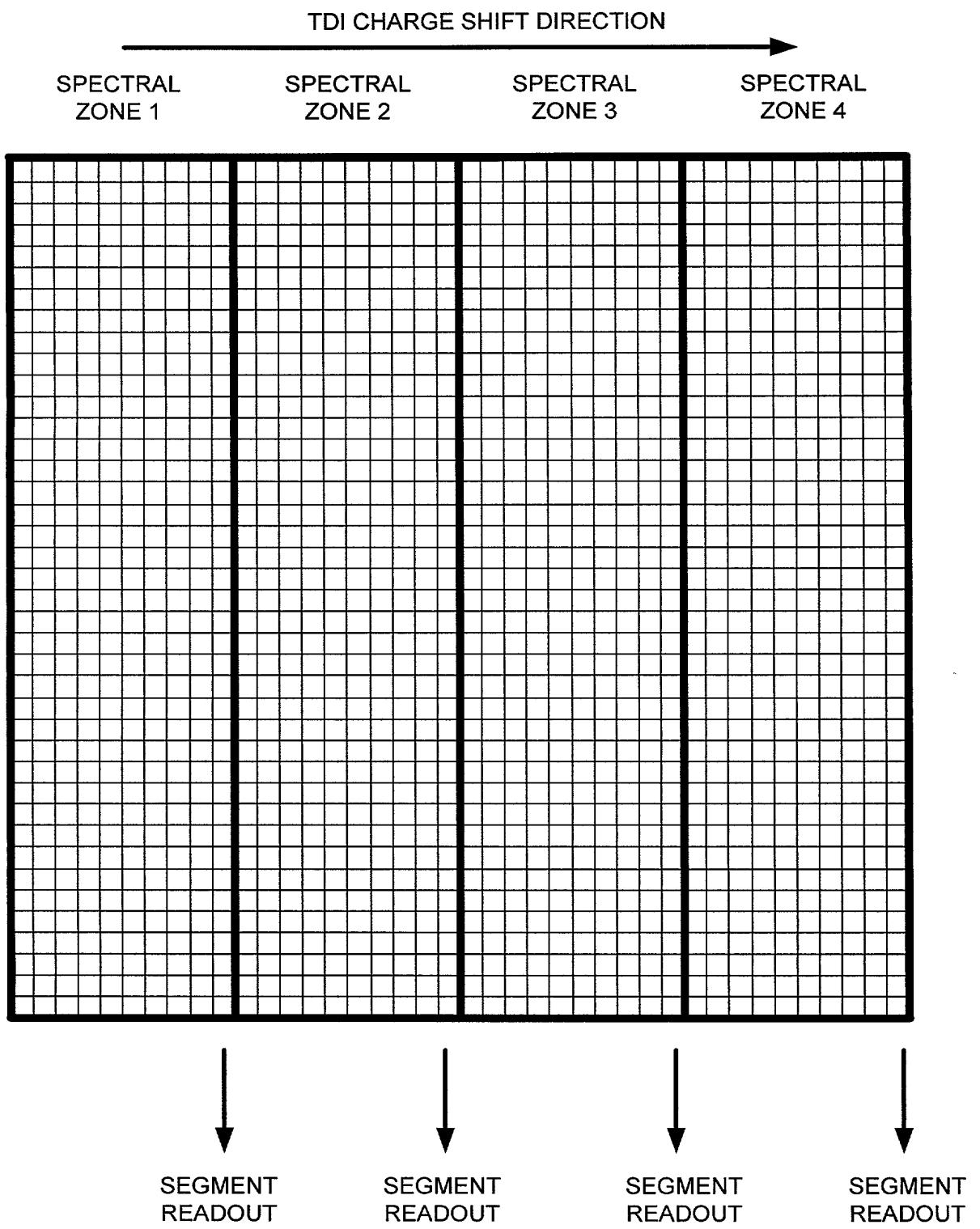


FIG. 21